

GEOFFREY M. LYNN

NIH-Oxford Scholar 2008

Degree: Elon University, B.S., Chemistry, 2007

Research Interests: Vaccine Vector Development, Chemical and Genetic Engineering,
and Immunology



Geoffrey Lynn graduated summa cum laude with a Bachelor of Science degree in Chemistry from Elon University in North Carolina. For his involvements and commitment to undergraduate research, he boasts a National Barry Goldwater Scholarship, a National Science Foundation Graduate Research Fellowship Award, and membership in six professional and honorary societies. His work has resulted in a publication in the Journal of Physical Chemistry, a manuscript recently submitted to Tetrahedron Letters, and presentations at six professional conferences. As an Elon undergraduate, Geoffrey conducted research under the mentorship of Dr. Joel Karty in the Department of Chemistry, where he used laser light scattering and other spectroscopic techniques to study systems of nanoparticles. During his sophomore summer, Geoffrey received NSF funding to help develop medical applications of nanoparticles under the mentorship of Dr. Dan Meisel at the University of Notre Dame. The following summer, he again conducted NSF-funded research on the development of cancer-specific imaging probes with Dr. Charles Craik at UCSF. After graduating from Elon, he completed a post-bac in Dr. Larry Keefer's lab at the National Cancer Institute, where he used ionic liquids to generate nitric oxide-releasing prodrugs.. Geoffrey's interest in science and medicine stems from the potential for medical technologies to benefit society at a macroscopic level, and he believes that integrating multiple fields is the best way to work toward that end. "I believe the best way to conduct 'applied medical research' is to truly work at the interface of science and medicine and at the crossroads of multiple disciplines," Geoffrey writes. He plans to integrate chemical and genetic engineering techniques with vaccine research in his thesis project as an OxCam student. As an MD/PhD NIH graduate partnership student, Geoffrey will undertake his medical training at Johns Hopkins University and will pursue his D.Phil at University of Oxford. Outside of the laboratory, Geoffrey found time to play club rugby at Elon, and he continues to enjoy a wide range of sporting and recreational activities including biking, weightlifting, racquetball and more recently, ice skating.